
Subject: Re: Modifying an array while conserving memory
Posted by [Pavel A. Romashkin](#) on Fri, 24 May 2002 16:33:16 GMT
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I think I have evidence that it does. I have had on several occasions ran out of ram (on a Mac with 1.5 Gb of RAM), and Temporary did help. But, again, Temporary only is useful when data is changed, not for reallocation of any kind or operations on array subsets.

When working with large datasets, efficient use of RAM is a must, otherwise you simply can't run the program.

I can relate to the original question, and think that if you really run into RAM limitations, you have to know first what is the size of the inserted array and allocate that ahead of time. Reallocating large arrays is, first, very slow, and secondly is almost impossible once you reach the limit of unfragmented memory page.

I found that once you are in this realm, it makes a big difference when and how you allocate even small variables because contiguous RAM becomes more important than the total RAM.

Cheers,
Pavel

Craig Markwardt wrote:

>

> Also, to this day I have strong doubts whether the TEMPORARY()
> operator actually saves memory, *during* the operation. [Of course
> it saves memory afterwards since the variable's memory is released.]
